

# Marten Lohstroh

## List of Publications by Year in descending order

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21  
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21  
times ranked

224  
citing authors

#	ARTICLE	IF	CITATIONS
1	Programmable Logic Controllers in the Context of Industry 4.0. IEEE Transactions on Industrial Informatics, 2021, 17, 3523-3533.	7.2	37
2	Toward a Lingua Franca for Deterministic Concurrent Systems. Transactions on Embedded Computing Systems, 2021, 20, 1-27.	2.1	34
3	Time for All Programs, Not Just Real-Time Programs. Lecture Notes in Computer Science, 2021, , 213-232.	1.0	2
4	Debugging and Verification Tools for Lingua Franca in Gemoc Studio. , 2021, , .		3
5	Achieving Determinism in Adaptive AUTOSAR. , 2020, , .		11
6	Reactors: A Deterministic Model for Composable Reactive Systems. Lecture Notes in Computer Science, 2020, , 59-85.	1.0	14
7	A Language for Deterministic Coordination Across Multiple Timelines. , 2020, , .		6
8	Hybrid co-simulation: itâ€™s about time. Software and Systems Modeling, 2019, 18, 1655-1679.	2.2	46
9	Actors Revisited for Time-Critical Systems. , 2019, , .		15
10	On Enabling Technologies for the Internet of Important Things. IEEE Access, 2019, 7, 27244-27256.	2.6	9
11	Work-in-Progress: Real-Time Reactors in C. , 2019, , .		0
12	Deterministic Actors. , 2019, , .		18
13	Programs with ironclad timing guarantees. , 2019, , .		3
14	A Component Architecture for the Internet of Things. Proceedings of the IEEE, 2018, 106, 1527-1542.	16.4	29
15	Hybrid Co-simulation. , 2018, , .		6
16	Contextual callbacks for resource discovery and trust negotiation on the internet of things. , 2017, , .		1
17	Step revision in hybrid Co-simulation with FMI. , 2016, , .		13
18	Demo Abstract: Building IoT Applications with Accessors in CapeCode. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	FIDE., 2016, , .		20
20	A Vision of Swarmlets. IEEE Internet Computing, 2015, 19, 20-28.	3.2	43
21	An Interface Theory for the Internet of Things. Lecture Notes in Computer Science, 2015, , 20-34.	1.0	14